

HEFS-0.3.1 Release Notes

Release Date: 3/7/2013

Release Type: Development Build

HEFS Build: 0.3.1

Build and Package Date: 2/14/2013

Tested against FEWS Binary: 2011.02 build 36949 (patched from 35025)

Introduction

This document contains release notes for HEFS-0.3.1 (i.e. HEFS Development Release 3, Phase 1).

The main purposes of this release are to

- 1) test the new forcing ingest and
- 2) build a collection CFSv2 members to create a lagged ensemble prior to the next release (HEFS 0.3.2).

This release is only intended for CNRFC, since the installation of this release will disable HEFS components, including HEFS forecast workflows, until you install and configure the next release HEFS-0.3.2 (i.e. HEFS Development Release 3, Phase 2) which is planned for April 3, 2013. Although this was tested with CHPS-2.1.1 it should also work with the soon to be released CHPS-3.0.1.

The installation needs to start with an up-to-date snapshot of your operational configurations. This means that the old HEFS configurations currently on the dev/test system will be discarded.

Save your EnsPost parameters (from Development Release 2); you'll be able to convert those saving you time with the Development Release 3 installation.

The installation includes the configuration of the MEFP data ingest with the provided new documentation, the *MEFP Installation Guide: Data Ingest*. The complete installation and configuration takes approximately 4 hours for someone experienced at configuring CHPS.

For this version of HEFS there are 3 different unit conversion files added to the configuration (ImportMEFPCFSv2Units.xml, ImportMEFPGFESUnits.xml, and ImportMEFPGFSUnits.xml). FEWS has a UnitConversionDescriptors.xml file where these can be defined, but OHD is recommending that this file **NOT** be used. The UnitConversionDescriptors.xml file may be deleted from your configuration. According to the Deltares Documentation, this file is no longer needed. (<http://publicwiki.deltares.nl/display/FEWSDOC/16+UnitConversionsDescriptors>)

Enhancements

FogBugz ID	Requested By	Title
967	CNRFC	MEFP Forcing Mod Capability

Documentation

The following pieces of documentation have been added or modified since the last release and can be found in the 'documentation' directory at the root of the package.

- *Added:* install_notes/MEFPInstallationGuide_DataIngest.docx

Notes

Enhancement: FBz 967 – MEFP Forcing Mod Capability

Description

The ability was added to edit the MEFP forcing inputs within the FEWS GUI. See MEFPInstallationGuide_DataIngest.docx for information on how to configure and use this feature.

Notes

N/A